

**Flood Control Project Maintenance  
Levee Inspections**

**Fall 2009 Levee Maintenance Deficiency Summary Report**

**Overall LMA & Unit Ratings, including USACE Erosion Survey**

***Sacramento River Basin***

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<b>MA0001</b>	Overall LMA Rating	Total LMA Miles				
<b>Sutter Maintenance Yard Maintenance Area 0001</b>	<b>A</b>	<b>17.12</b>				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
Vegetation	0.02		0.02	0.12%		
Trim / Thin Trees	0.03		0.03	0.18%		
Encroachments	0.02		0.02	0.12%	0.05	0.41
Animal Control	1.61		1.61	9.40%		
Erosion / Bank Caving	0.01		0.01	0.06%		
<i>LMA Totals:</i>	1.69	0.00	1.69	9.87%	0.05	0.41

**Flood Control Project Maintenance  
Levee Inspections**  
**LMA District Cover Sheet**  
**Fall 2009 Levee Inspection Results**

**Sutter Maintenance Yard Maintenance Area 0001**

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	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)			A	

\*\* Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

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SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports.

Comments


**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Fall 2009 Levee Inspection Results**

**Sutter Maintenance Yard Maintenance Area 0001**

Waterway			Bank	Unit Miles
Unit No. 01 Sacramento River			Right	17.12

  

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			<b>A</b>	
Date of Inspection	3/12/2009		10/12/2009	
DWR Inspector	Bob Duffey		Bob Duffey	
Accompanied By			Bryan Reniff Sutter Yard	
			Karen Hull Sutter Yard	
			Joel Farias Jr. Sutter Yard	

Check one:

- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to :

DWR Summer/Winter Inspection Reports  
3310 El Camino Avenue, Room LL-30  
Sacramento, CA 95821-9000

**X**

Signature of LMA Representative

Date

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2009**

**Sutter Maintenance Yard Maintenance Area 0001**

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River							Right	17.12	10/22/2009 10/22/2009	Bob Duffey
LMR No	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.04	0.23	Earthen Levee	Encroachments	LS	CO	Buildings	39.213988 ° -122.001537 °	39.215198 ° -122.004775 °	2
2	0.69	0.71	Earthen Levee	Encroachments	LS	CO	Buildings	39.216533 ° -122.012512 °	39.216680 ° -122.012907 °	7
3	0.80	0.95	Earthen Levee	Encroachments	LS	CO	Buildings	39.217282 ° -122.014290 °	39.218215 ° -122.016538 °	8
4	1.59	1.98	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	39.226633 ° -122.014462 °	39.232127 ° -122.015275 °	9
5	1.91	1.91	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	39.231183 ° -122.015413 °	39.231183 ° -122.015413 °	48
6	2.00	2.24	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	39.232430 ° -122.015182 °	39.235458 ° -122.013248 °	30
7	2.06	2.15	Earthen Levee	Animal Control	WS	M	Exterminate rodents and backfill and compact or grout burrows.	39.233135 ° -122.014692 °	39.234377 ° -122.013947 °	49
8	2.66	2.85	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	39.240487 ° -122.009493 °	39.243098 ° -122.008480 °	32
9	3.81	3.98	Earthen Levee	Encroachments	LS	C	Landscaping	39.256403 ° -122.010142 °	39.257275 ° -122.012850 °	11
10	3.96	3.96	Earthen Levee	Vegetation	LS	M	Elderberries are blocking visibility and flood fight capability.	39.257125 ° -122.012648 °	39.257125 ° -122.012648 °	50
11	4.62	4.62	Earthen Levee	Animal Control	WS	M	Exterminate rodents and backfill and compact or grout burrows.	39.265385 ° -122.009040 °	39.265385 ° -122.009040 °	51
12	6.52	6.52	Earthen Levee	Encroachments	LS	C	Prunings	39.281530 ° -122.021978 °	39.281530 ° -122.021978 °	34
13	6.85	7.17	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	39.286073 ° -122.021588 °	39.290515 ° -122.021560 °	35
14	7.87	7.87	Earthen Levee	Vegetation	WS	M	Elderberries are blocking visibility and flood fight capability.	39.297303 ° -122.025257 °	39.297303 ° -122.025257 °	52
15	9.41	9.41	Earthen Levee	Encroachments	LS	M	Prunings	39.315277 ° -122.030185 °	39.315277 ° -122.030185 °	44
16	9.42	9.42	Earthen Levee	Animal Control	LS	C	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	39.315490 ° -122.030052 °	39.315490 ° -122.030052 °	37
17	10.27	10.27	Earthen Levee	Encroachments	LS	C	Debris	39.327485 ° -122.029262 °	39.327485 ° -122.029262 °	16
18	10.35	10.35	Earthen Levee	Erosion / Bank Caving	WS	M	Note and monitor erosion site.	39.328697 ° -122.029262 °	39.328697 ° -122.029262 °	18

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
PO : Partially Obstructing  
CO : Completely Obstructing  
N : Not Inspected  
C : Corrected

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2009**

**Sutter Maintenance Yard Maintenance Area 0001**

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 01 Sacramento River						Right	17.12	10/22/2009 10/22/2009	Bob Duffey	

  

LMR No	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
19	10.56	10.56	Earthen Levee	Encroachments	LS	M	Prunings	39.331560 ° -122.029980 °	39.331560 ° -122.029980 °	19
20	10.80	10.99	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	39.334745 ° -122.031677 °	39.337277 ° -122.032443 °	53
21	11.80	11.83	Earthen Levee	Trim / Thin Trees	LS	M	Thin trees to allow visibility of the ground and room to flood fight.	39.348348 ° -122.031198 °	39.348750 ° -122.031133 °	22
22	12.00	12.05	Earthen Levee	Encroachments	LS	PO	Landscaping	39.351155 ° -122.030443 °	39.351832 ° -122.030295 °	23
23	12.33	12.50	Earthen Levee	Animal Control	WS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	39.355568 ° -122.028605 °	39.357315 ° -122.026825 °	40
24	16.45	16.45	Earthen Levee	Encroachments	LS	CO	Buildings	39.404135 ° -122.008797 °	39.404135 ° -122.008797 °	26
25	16.66	16.69	Earthen Levee	Encroachments	LS	CO	Buildings	39.407225 ° -122.008570 °	39.407545 ° -122.008640 °	46
26	16.70	16.71	Earthen Levee	Encroachments	LS	CO	Fences	39.407670 ° -122.008685 °	39.407823 ° -122.008740 °	47

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